



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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November 19, 2007

Village of Lyons c/o Robert Bush  
Ancil Glink Diamond Bush Dicianni & Krafthefer, P.C.  
140 South Dearborn Street  
Chicago, IL 60606

Re: LPC# 0311715101 -- Cook County  
Village of Lyons / Quarry Reclamation District TIF #4  
Site Remediation / Technical Reports

Dear Mr. Bush:

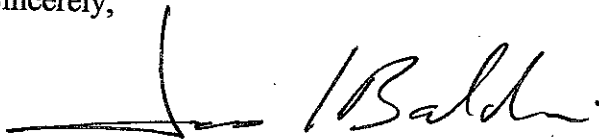
The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the *Proposed Sampling Plan* (received November 9, 2007 / Log No 07-35802), submitted by Bradburne, Briller & Johnson, LLC for the Site Remediation Project located south of the southwest corner of Ogden & Lawndale Avenue, Lyons, Illinois. The proposed sampling locations for the remediation site are approved; however, in accordance with the September 4, 2007 Agency Comment Letter (comments 2 and 3) the following criteria needs to be followed:

- 1) All soil borings and groundwater monitoring locations must penetrate bedrock. The Illinois EPA has been receiving a number of citizen concerns about this site and a complete investigation must be submitted regarding the composition of the fill material and its association within to quarry / retention pond boundary, along with its influence on the groundwater and potential off-site migration of contamination.
- 2) If there is more than one groundwater zone to be monitored, additional groundwater monitoring wells (or nest) may be required.
- 3) If required, more than one soil sample may need to be obtained from any given soil boring to define the vertical and lateral extent of soil/groundwater contamination. The sampling protocol needs to be sure that adequate documentation is provided for all levels of observed contamination, if present.
- 4) As a precautionary note, geoprobes are not capable of penetrating bedrock, so collecting soil samples using a rotary drill may be more applicable in obtaining the information describing the condition of fill material within the boundary of the former quarry / retention pond. If the quarry/retention pond was backfilled with concrete, penetration of the geoprobe may be refused before reaching bedrock.

The Illinois EPA requests not less than a fourteen (14) calendar day notification of all future site investigation and remedial activities in order to coordinate Illinois EPA oversight. This notification is particularly important when groundwater or soil samples are being collected. In addition, pursuant to 35 Illinois Administrative Code ("IAC") 740.415(d)(6), all quantitative analyses of samples collected on or after January 1, 2003, and utilizing any of the approved test methods identified in 35 IAC 186.180, shall be completed by an accredited laboratory in accordance with the requirements of 35 IAC 186. Quantitative analyses not utilizing an accredited laboratory in accordance with Part 186 shall be deemed invalid.

If you have any questions I may be contacted at the address above or (217) 524-7207.

Sincerely,



James L. Baldwin, LPG  
Project Manager  
Voluntary Site Remediation Unit  
Remedial Project Management Section  
Division of Remediation Management  
Bureau of Land

JLB:jlb

cc: Kevin McCartney  
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Kevin Close  
Municipal Consultant  
3628 Prairie Avenue  
Brookfield, IL 60513